

Application No. 10/090,183 - - - - 2

AMENDMENTS TO THE CLAIMS

Claim 1 (currently amended): A DNA vaccine therapeutic composition effective for eliciting an immune response against proliferating endothelial cells comprising a DNA construct operably encoding a VEGF receptor protein in a pharmaceutically acceptable carrier; wherein the DNA construct is operably incorporated in an attenuated bacterial vector.

Claim 2 (currently amended): The DNA vaccine therapeutic composition of claim 1 wherein the VEGF receptor protein is a VEGF-2 receptor protein.

Claims 3-6 (canceled).

Claim 7 (currently amended): The DNA vaccine therapeutic composition of claim [[6]] 1 wherein the attenuated bacterial vector is selected from the group consisting of attenuated *Salmonella typhimurium*, *Salmonella typhi*, *Shigella*, *Bacillus*, *Lactobacillus*, *BCG*, *Escherichia coli*, *Vibrio cholerae*, and *Campylobacter*.

Claim 8 (currently amended): The DNA vaccine therapeutic composition of claim [[6]] 1 wherein the attenuated bacterial vector is an attenuated *Salmonella typhimurium*.

Claim 9 (canceled).

Claim 10 (currently amended): The DNA vaccine therapeutic composition of claim 34 wherein the DNA construct is operably incorporated in an attenuated *Salmonella typhimurium* vector.

Claims 11-31 (canceled).

Claim 32 (currently amended): An article of manufacture comprising a vaccine the therapeutic composition of claim 1 packaged in a hermetically sealed, sterile container, the container having a label affixed thereto, the label bearing printed material identifying the vaccine composition and providing information useful to an individual administering said vaccine composition to a patient.

Claim 33 (currently amended): The DNA vaccine therapeutic composition of claim 1 wherein the encoded VEGF receptor protein is Flk-1 (SEQ ID NO: 6).

Claim 34 (currently amended): The DNA vaccine therapeutic composition of claim 1 wherein the DNA construct is the polynucleotide of SEQ ID NO: 5.